DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	883R2	1204

REGISTERED ENGINEER - CIVIL

12-6-04

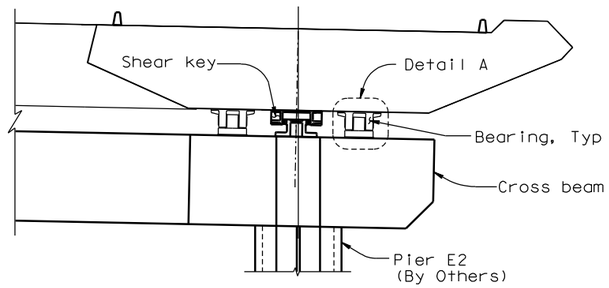
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Marwan N. Nader — No. C 054426 — Exp. 12/31/09 — CIVIL — STATE OF CALIFORNIA

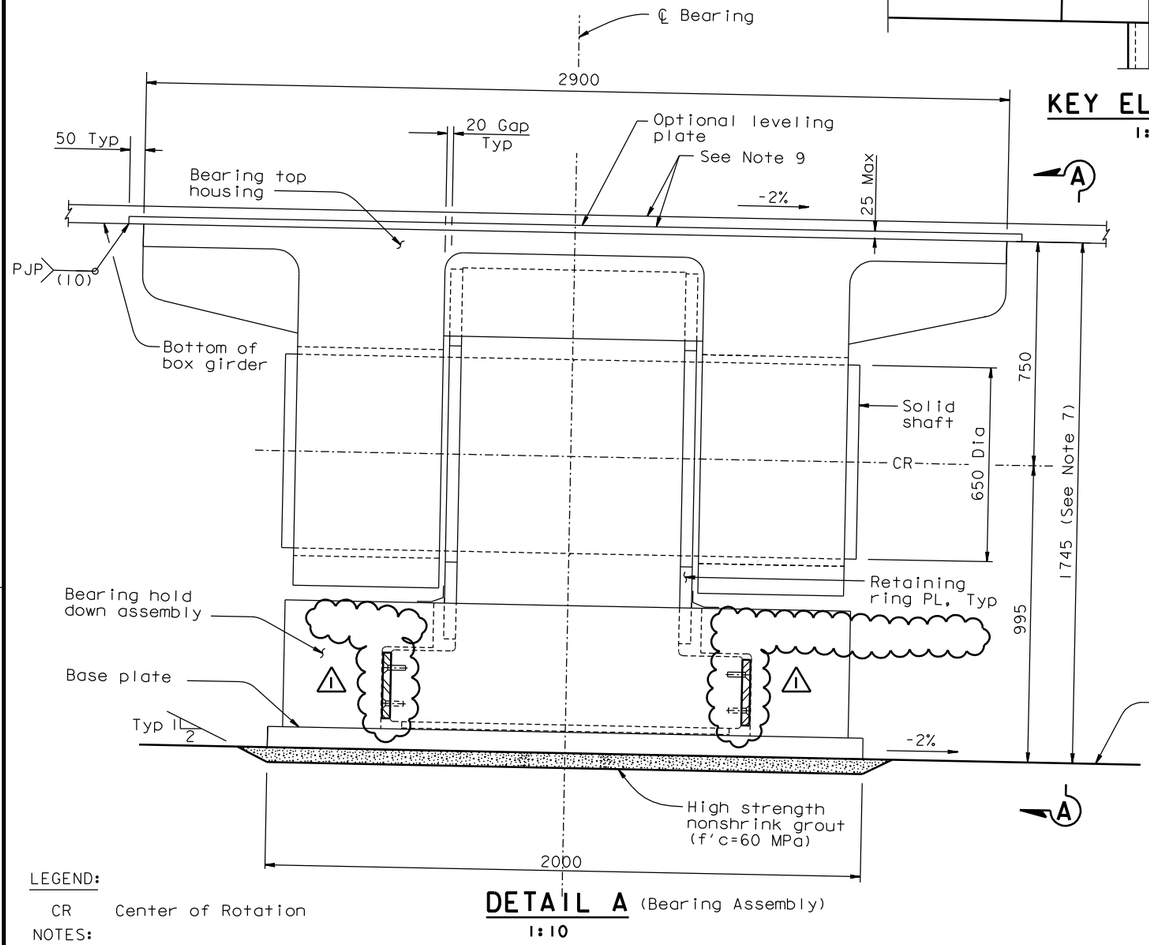
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

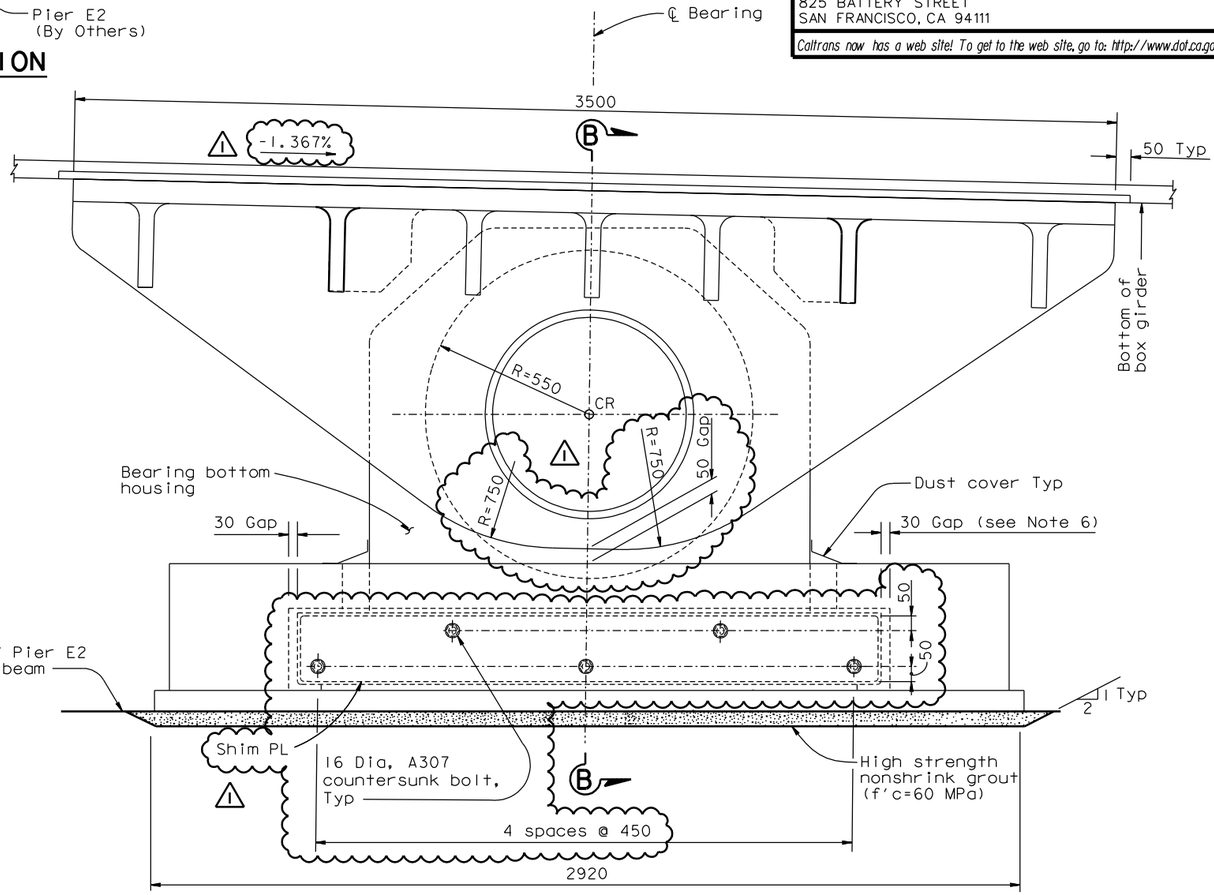
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov



KEY ELEVATION
1:200



DETAIL A (Bearing Assembly)
1:10



VIEW A-A
1:10

LEGEND:

CR Center of Rotation

NOTES:

1. For Section B-B, see "Pier E2 Bearing Details No.2" sheet.
2. Connections to box girder and Pier E2 are not shown for clarity.
3. The bearing top housing and bearing hold down assembly shall be Structural Casting Grade 345.
4. The bearing bottom housing and the solid shaft shall be Structural Casting Grade 550.
5. The grout pad thickness is shown for information only. Before grout pour, Contractor shall verify in the field the grout pad thickness required to align the center of rotation of the shear key and bearings at 0.750 m from the bottom surface of the box girder and ensure center of rotation of all bearings and shear keys are aligned in the same axis.
6. Gaps shall be maintained during installation by using shims placed below the dust cover locations. Remove shims after grouting.
   1 Alternatively, 3/4" diameter spacing bolts may be installed. These shall remain undamaged during installation and shall be replaced with plug bolts.
7. The Contractor may provide optional leveling plates to achieve fit-up and level contact surfaces for the bearings and shear keys. The Contractor shall erect the E2 cap beam and E2 girders to the elevations and tolerances specified in the plans and special provisions.
8. Leveling plate shall be attached with 2 plug welds at 0.5 m Max spacing, and a perimeter PJP weld.
9. All faying surfaces of the girder key plate, the bearing top housing, and the optional leveling plate shall be machined after all welding for flatness and smoothness as specified for the top of the bearing top housing. See "Pier E2 Bearing Details No. 3" sheet.

CONTRACT CHANGE ORDER NO. ____
SHEET ___ OF ___

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

MARK	DATE	REVISIONS	BY	CH'D	CCO#
2	07/17/09	E2 CROSS BEAM	MN	NV	71
1	09/26/08	E2 CROSS BEAM	MN	NV	71

	BY	CHECKED
DESIGN	M. Nader	L. Rus
DETAILS	N. Vo	J. Leventini
QUANTITIES	N. Vo	J. Leventini

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 07/17/09

R. Manzanarez
PROJECT ENGINEER

BRIDGE NO. 34-0006L/R
KILOMETER POST 13.2/13.9

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF-ANCHORED SUSPENSION BRIDGE (SUPERSTRUCTURE & TOWER)

PIER E2 BEARING DETAILS NO. 1

Rev. Date: 5-18-98

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 04
EA 0120F1

DISREGARD PRINTS BEARING EARLIER REVISION DATES → 05/31/01 | 04/26/02 | 01/09/02 | 12/19/02 | 12/01/05

SHEET 466R2 OF

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